

Figure 1

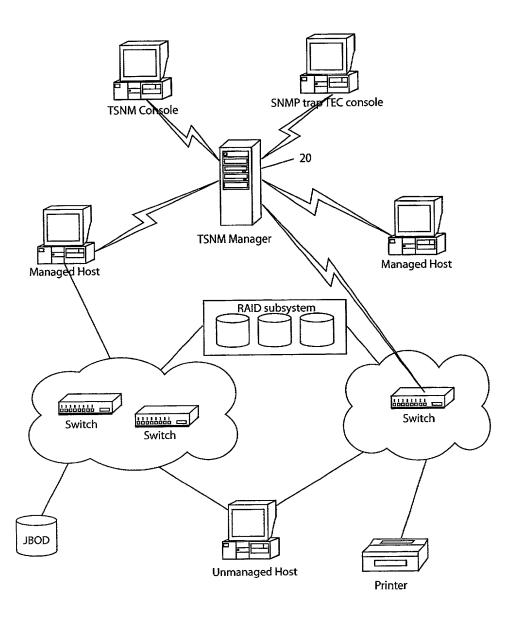


Figure 2

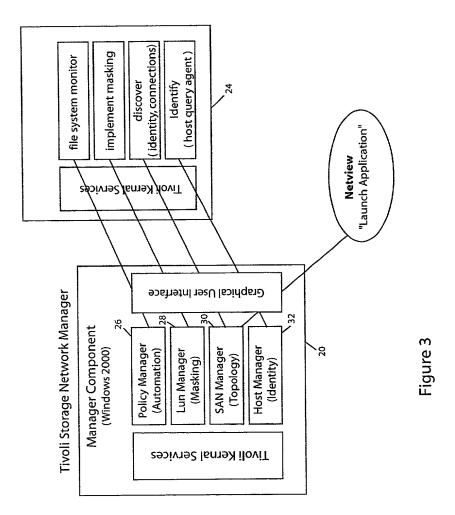
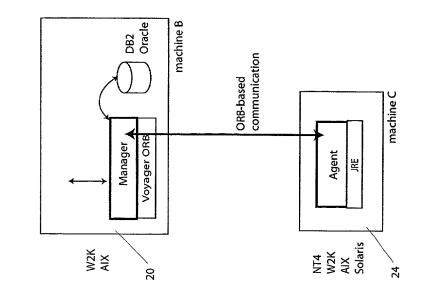


Figure 4



Manager & Agent communication

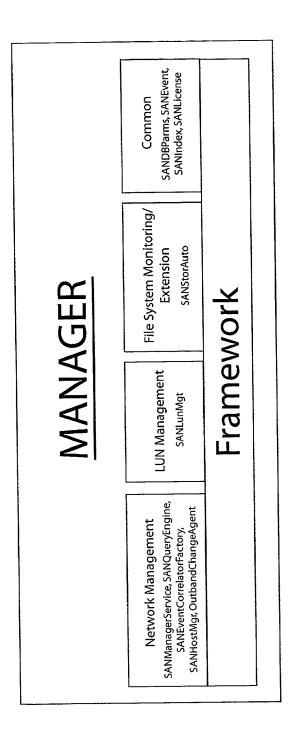


Figure 5

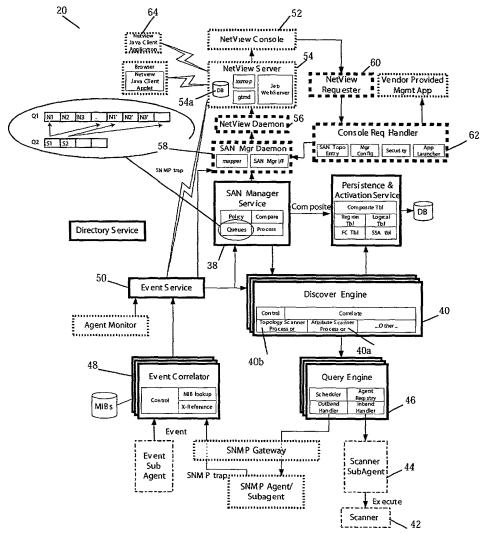
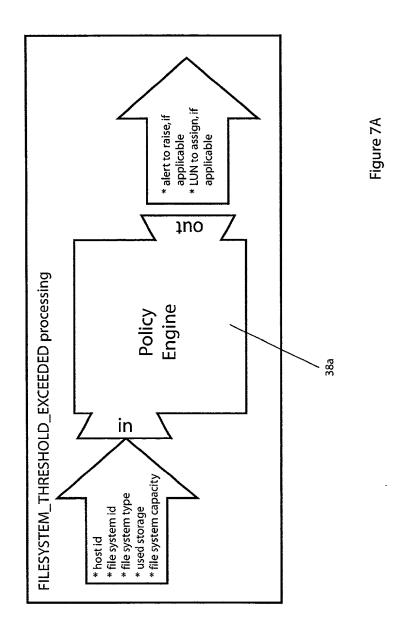


Figure 6



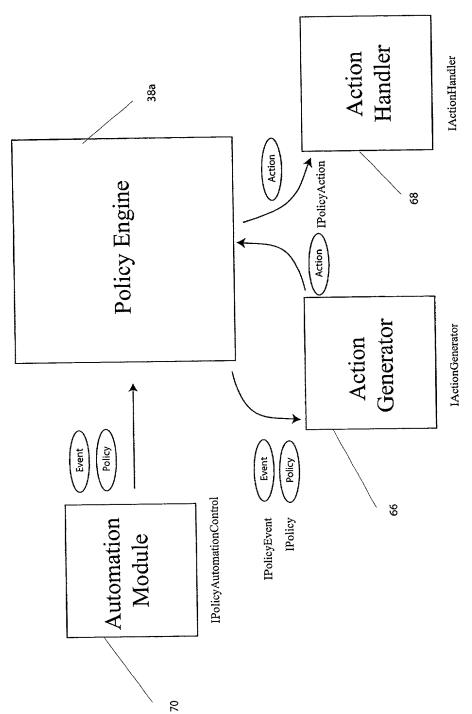
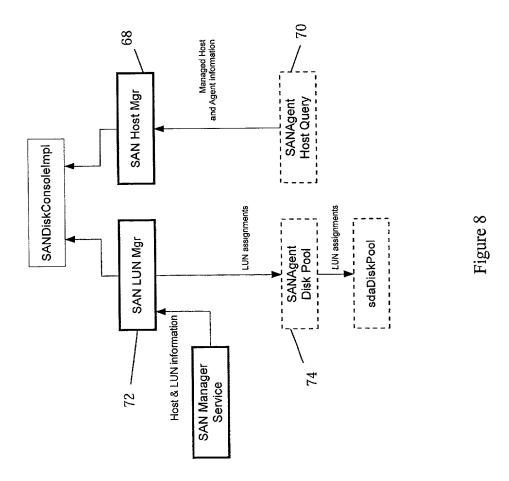


Figure 7B



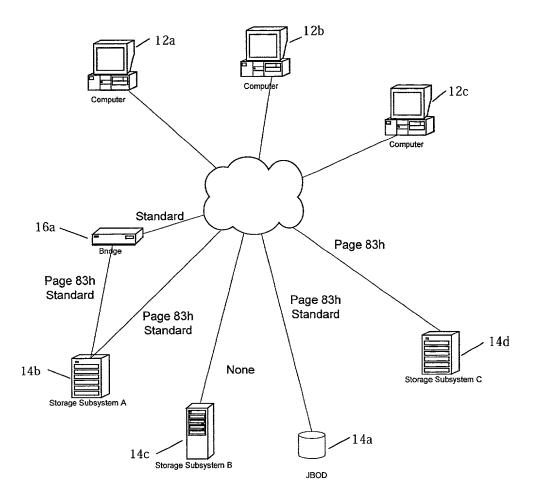
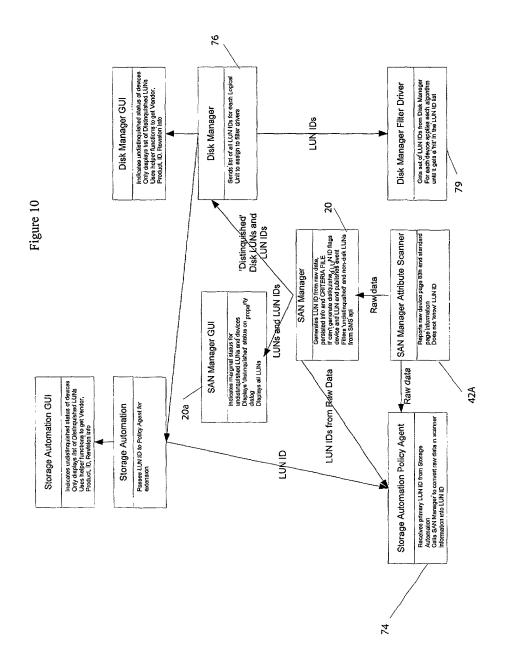


Figure 9



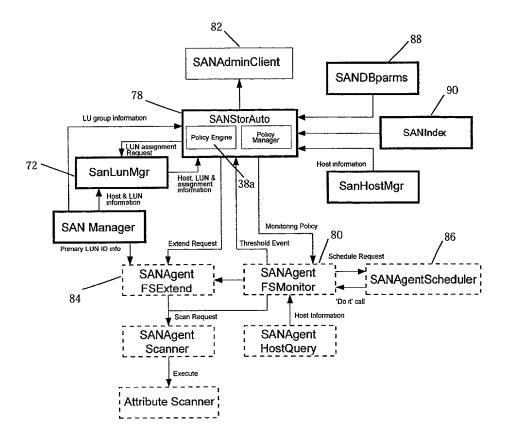


Figure 11

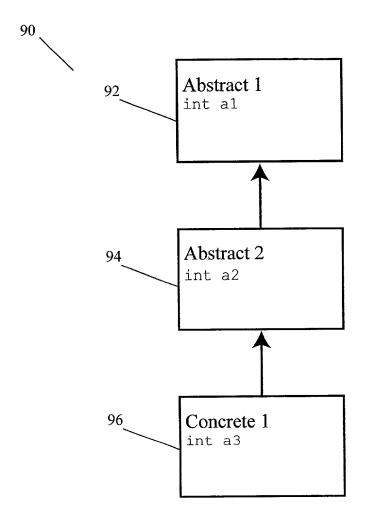


Figure 12

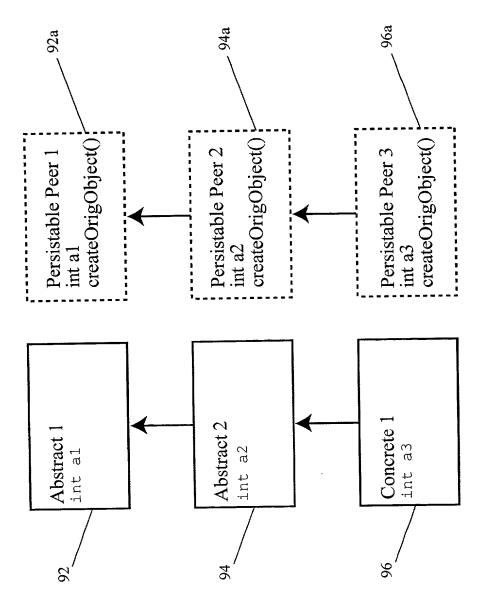
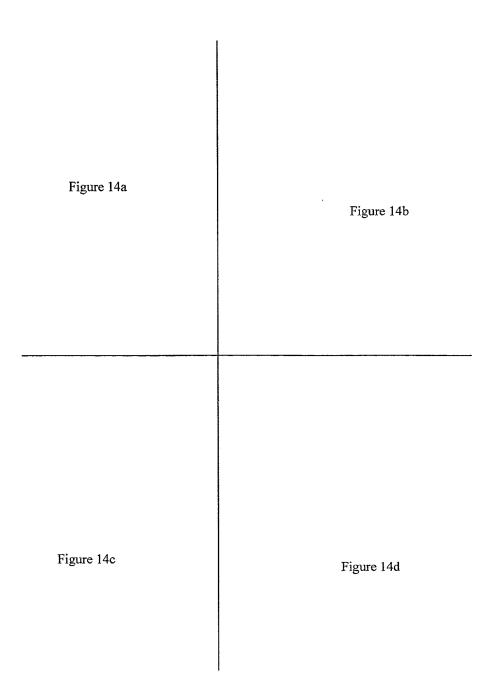
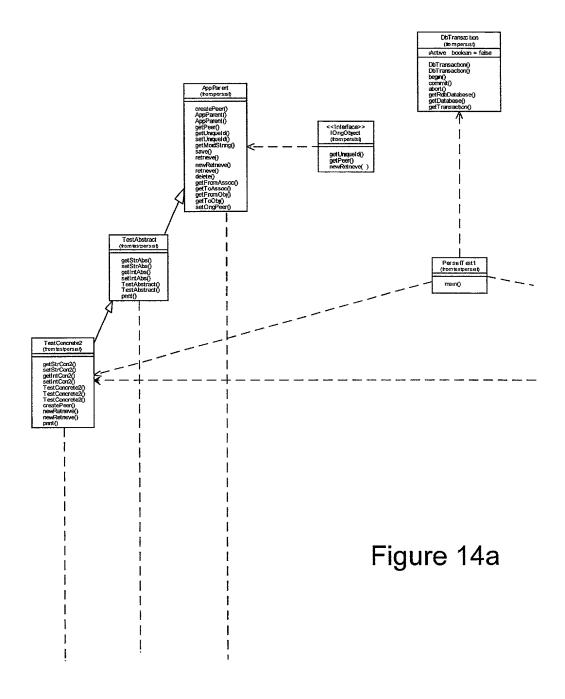
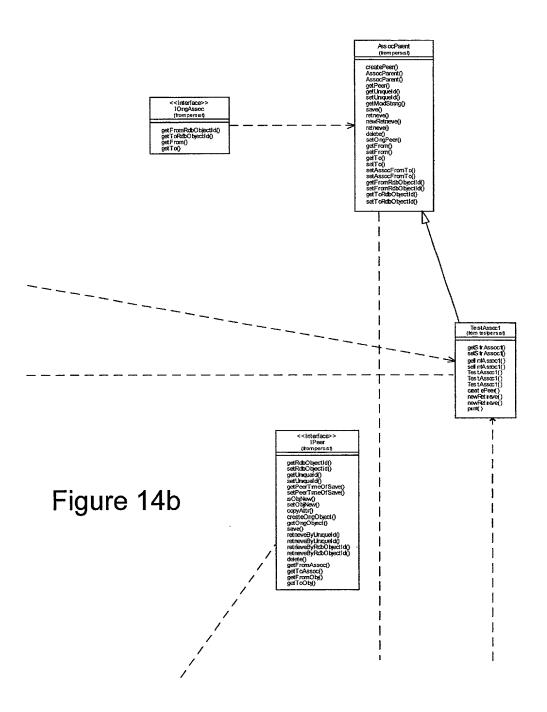
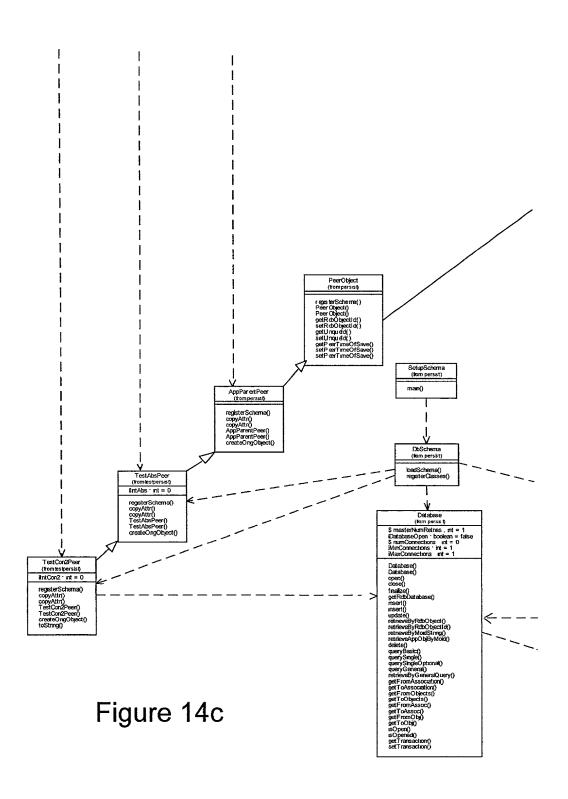


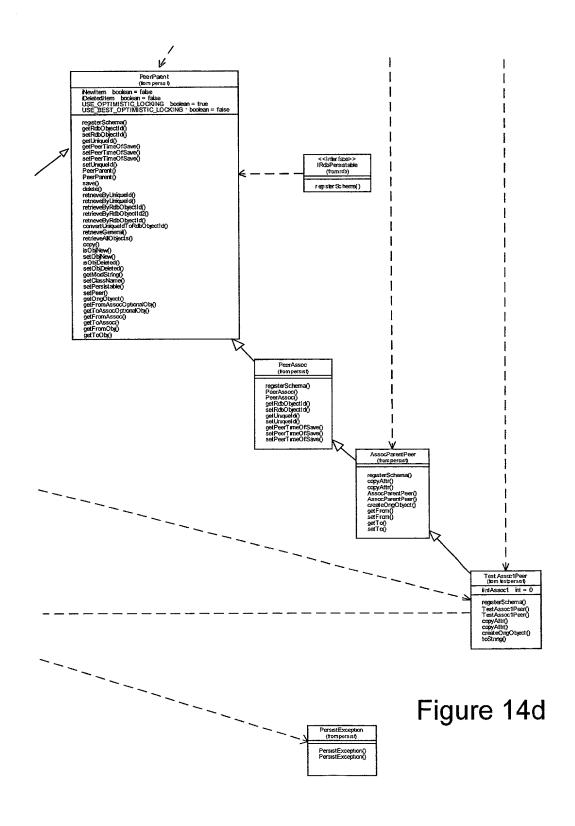
Figure 13











GUI (server) & Manager communication

▲ Manager creates objects (services) and "bind" them to Voyager directory service

▲ GUI "looks up" the object by name in directory service and get the object "proxy"

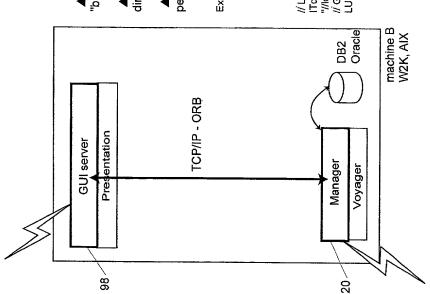
▲ GUI invokes object methods to obtain info or perform operation

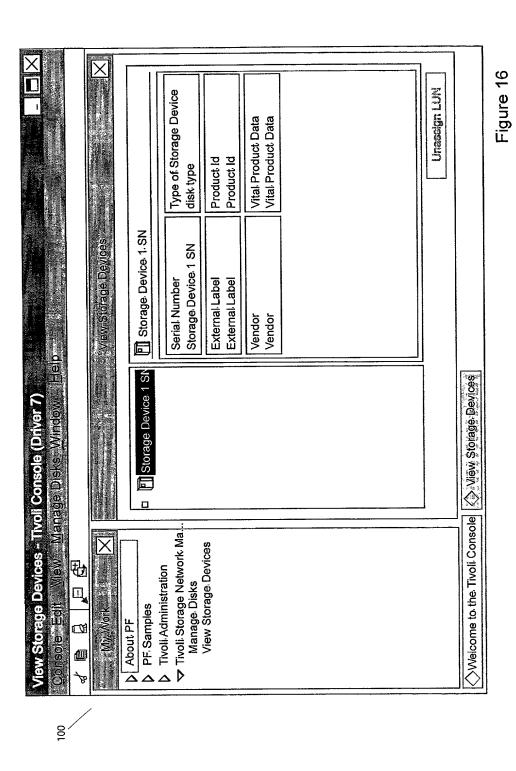
] getAccessibleLunsByHost (java.lang.String ip) ] getAllAccessibleLuns() LUN j getaccessibleLunsByHost gava.iar.g.v.....g.r.. LUN j getallAccessibleLuns() LUN j getassignedLunsByHost(HostaHost) LUN j getassignedLunsByHost(java.lang.String ip) LUN[ ] getAccessibleLunsByHost(HostaHost) Class TDMServer() Example:

// Look up the ITdm Server proxy object from the directory service ITdmServeraTdm = (ITdm Server) Namespace.lookup(

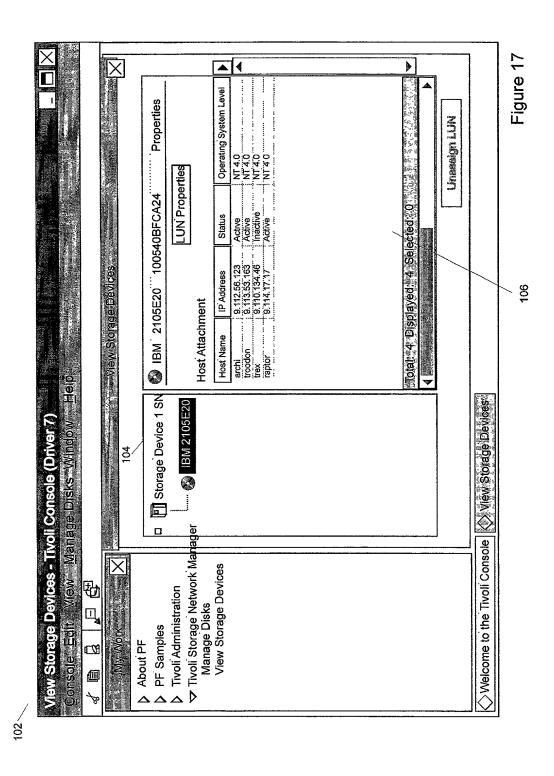
"//localhost 9000/sandir/TdmServer"); // Get a list of all LUN objects in the region. LUN[] temp1 = aTdm getAllAccessibleLuns();

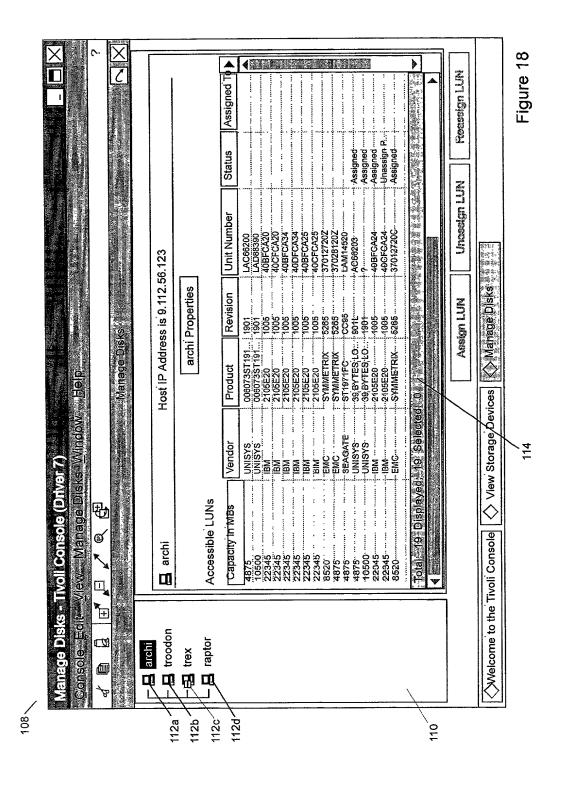
Figure 15

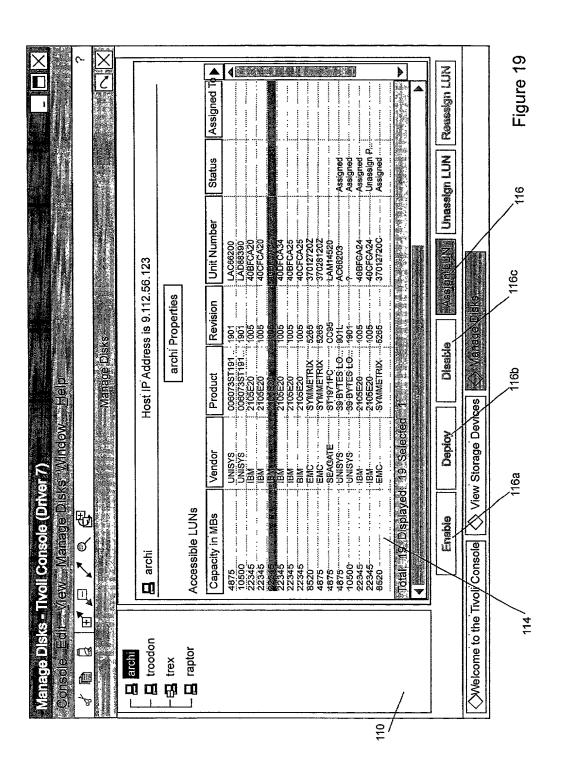


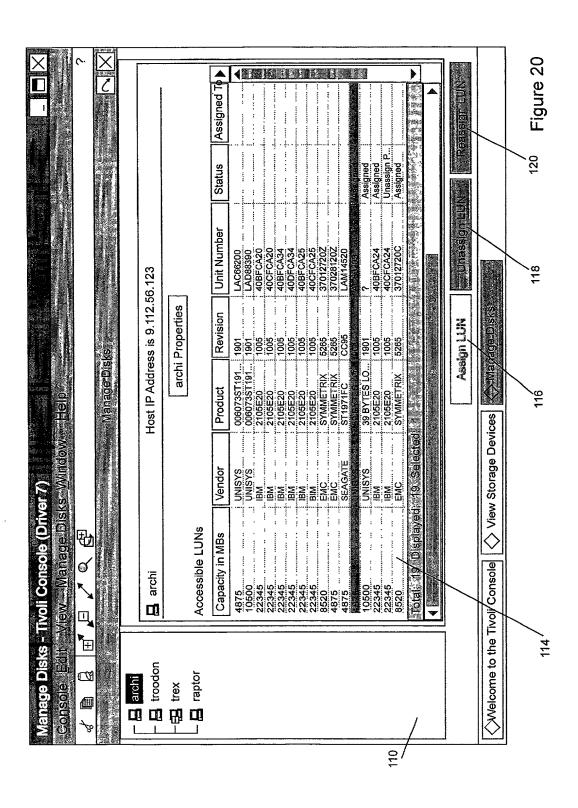


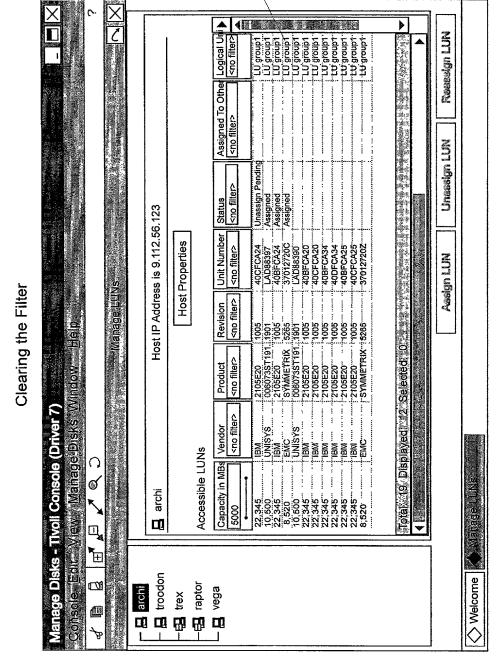
21/48











122

Figure 21

**Custom Filtering** 

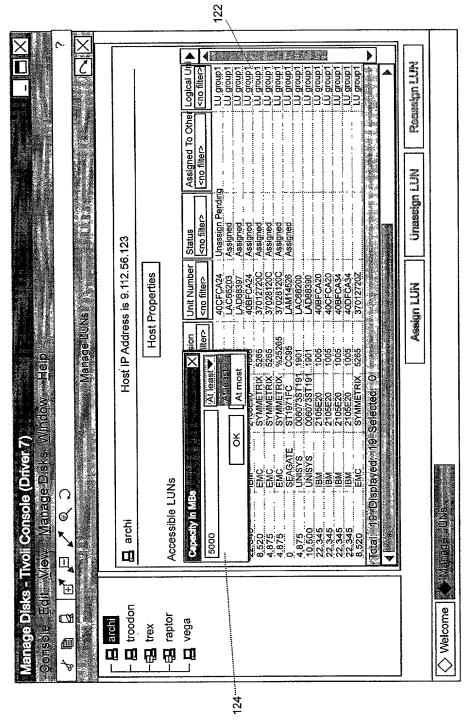


Figure 22

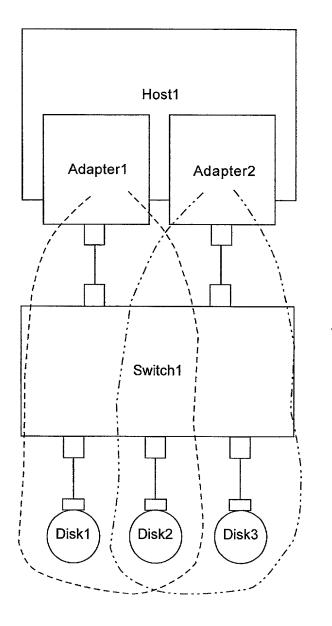
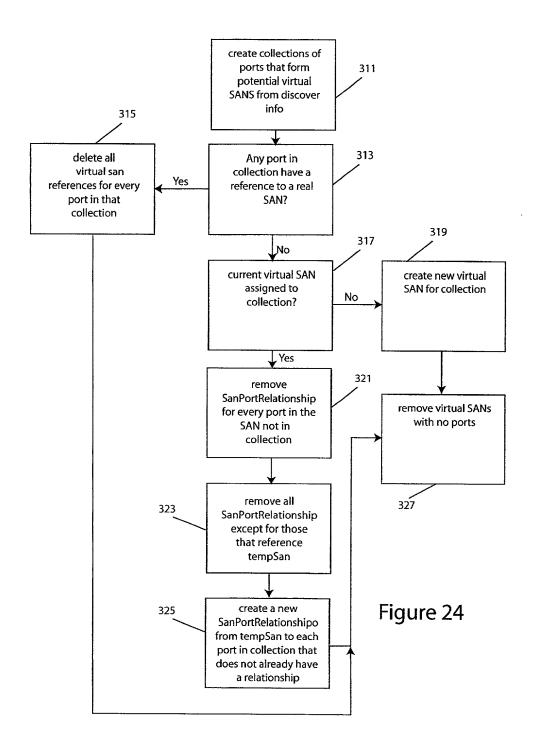
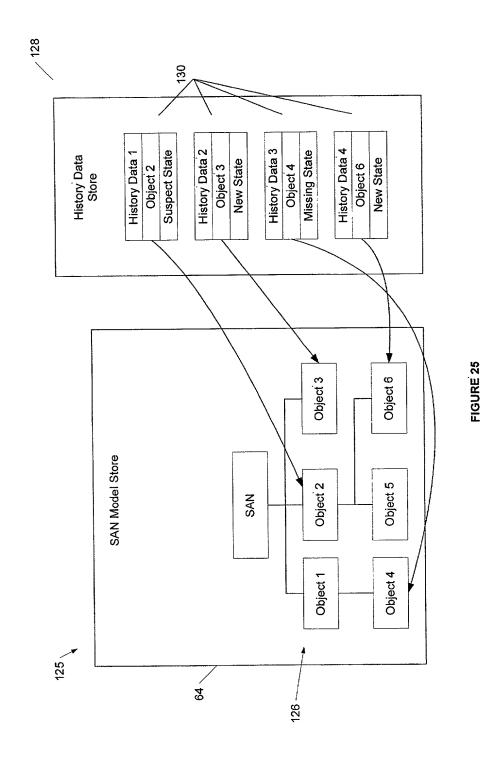
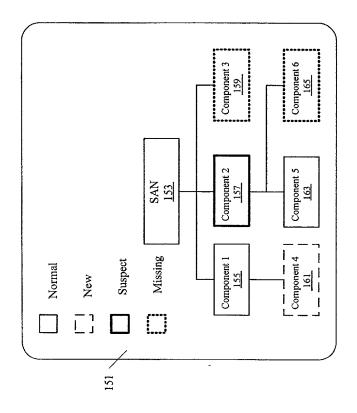


Figure 23







TGURE 26

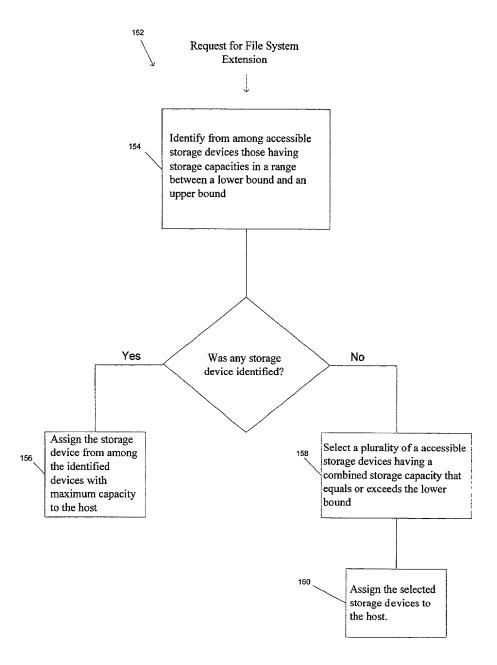


Figure 27

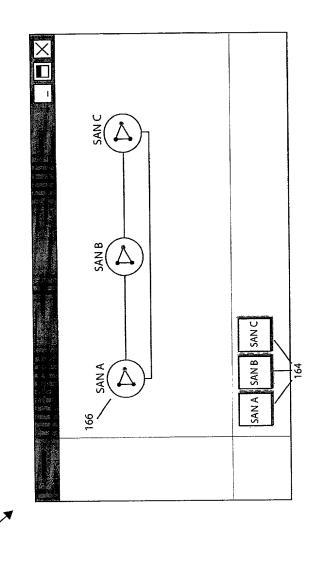


Figure 28

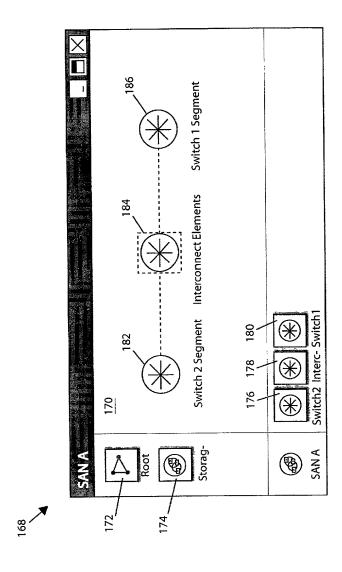


Figure 29

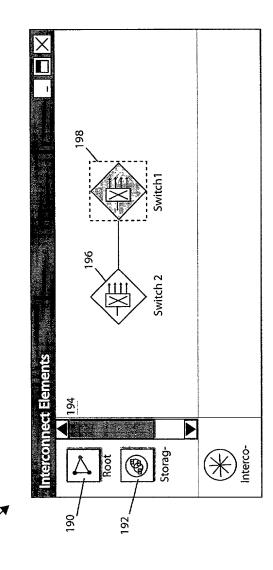
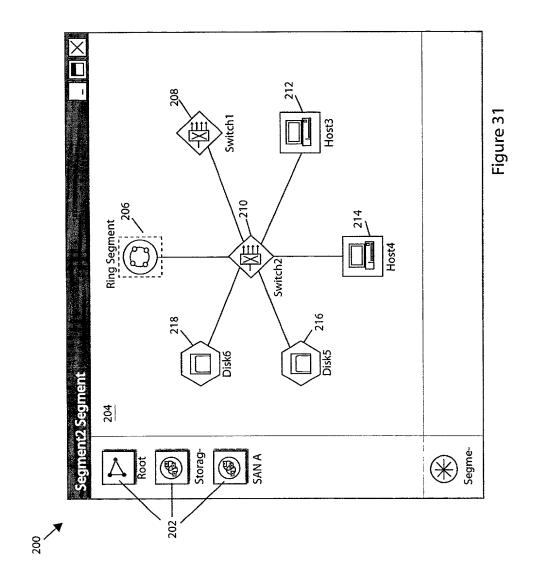
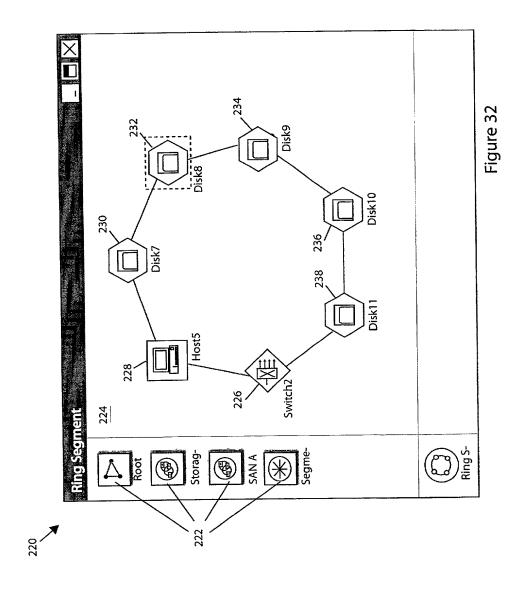
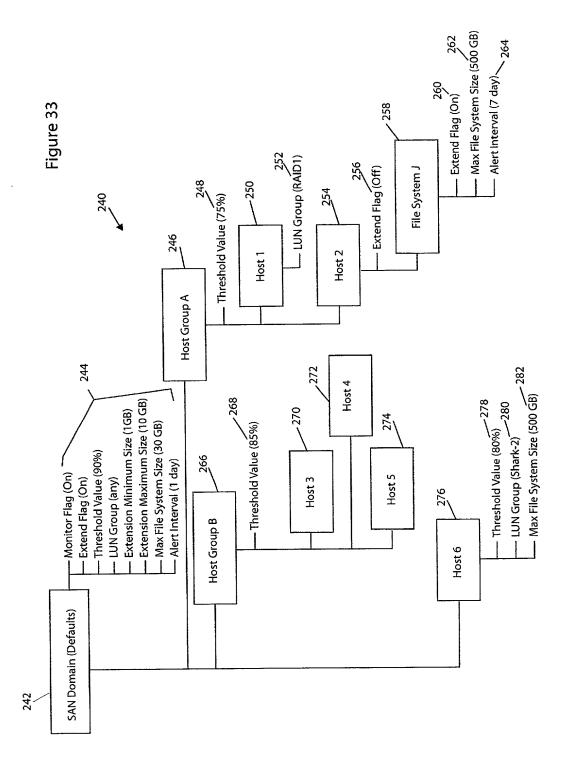


Figure 30







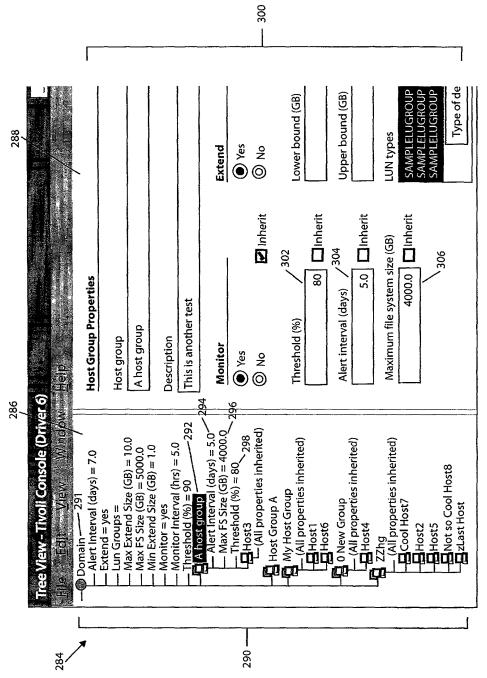
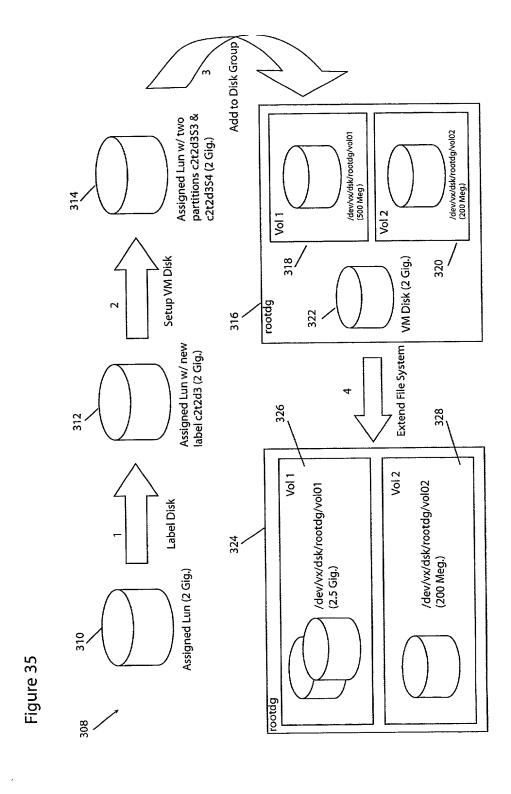


Figure 34



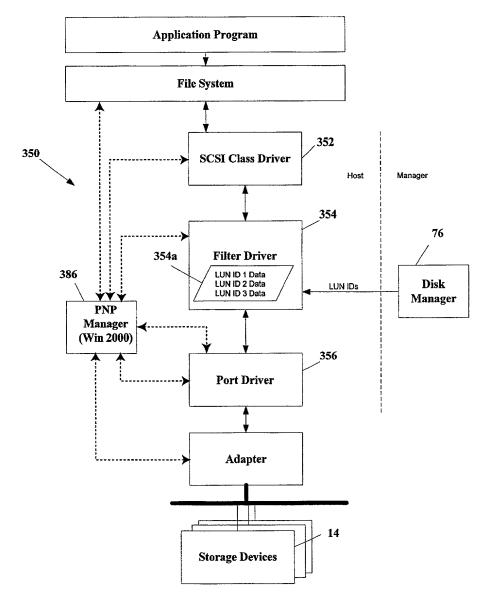
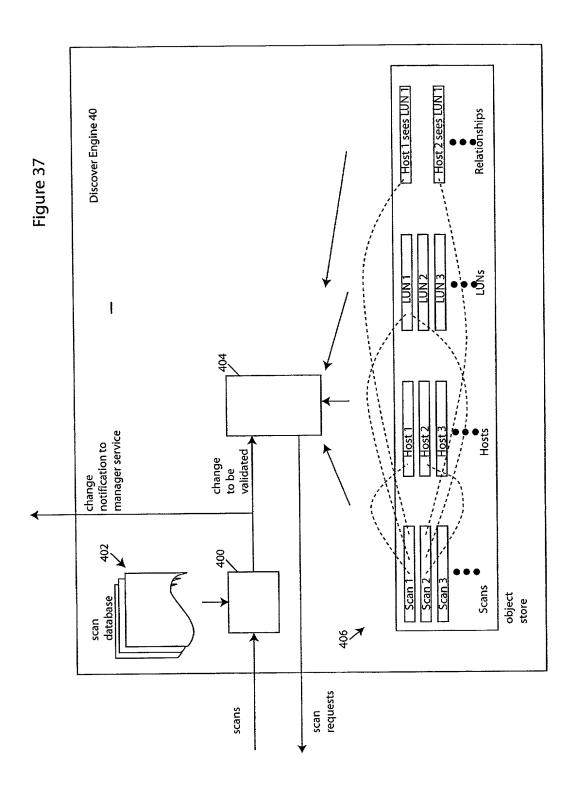


FIGURE 36



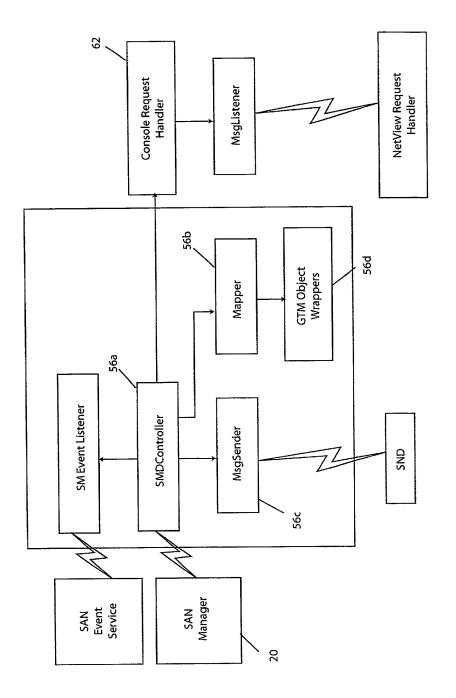


Figure 38

